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PATENT
CUSTOMER NUMBER: 22,852
Attorney Docket No. 02481.1732-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Hans-Willi JANSEN et al.

Application No.: 10/067,457 Group Art Unit: 1647

Filed: February 7, 2002 Examiner: Not Yet Assigned

For: PROCESS FOR IDENTIFYING SUBSTANCES WHICH MODULATE THE ACTIVITY OF HYPERPOLARIZATION-ACTIVATED CATION CHANNELS

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached form PTO-1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits.

Copies of documents C-E and J (as indicated on the Form PTO-1449) are attached. Copies of documents A, B, and F-I were previously submitted in prior application Serial No. 09/779,587, filed on February 9, 2001, upon which Applicant relies for the benefits provided in 35 U.S.C. § 120.

Applicants respectfully request that the Examiner consider all of the listed documents and indicate that they were considered by making appropriate notations on the attached Form PTO-1449.

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This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each, any, or all of the listed documents are material or constitute prior art. If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute prior art under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the claimed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any petition or fee due in connection with the filing of this Statement, please grant the petition and charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

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INFORMATION DISCLOSURE CITATION

Atty. Docket No.: 02481.1732-01	Application No.: 10/067,457
Applicant: Hans-Willi JANSEN et al	
Filing Date: February 7, 2002	Group Art Unit: 1647

U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation Yes or No
	A	WO 99/32615	07/1999	PCT			
	B	WO 99/42574	08/1999	PCT			Yes (Abstract)
	C	WO 00/73431	12/2000	PCT			
	D	WO 00/63349	10/2000	PCT			
	E	WO 99/11784	03/1999	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	F	Vaccari, T. et al., "The Human Gene Coding for HCN2, a Pacemaker Channel of the Heart", Biochim. et Biophys. Acta **1446**(3):419-425, 1999.
	G	Biel, M. et al., "Hyperpolarization-Activated Cation Channels: A Multi-Gene Family", *Rev. Physiol. Biochem. Pharmacol.* **136**:165-181, 1999.
	H	Hamill, O.P. et al., "Improved Patch-Clamp Techniques for High-Resolution Current Recording from Cells and Cell-Free Membrane Patches", *Pflügers Arch.* **391**:85-100, 1981.
	I	Ludwig, A. et al., "Two Pacemaker Channels from Human Heart with Profoundly Different Activation Kinetics", *EMBO J.* **18**(9):2323-2329, 1999.
	J	Langheinrich, U. and Jürgen Daut, "Hyperpolarization of isolated capillaries from guinea-pig heart induced by K+ channel openers and glucose deprivation", *Journal of Physiolog,* **502.2**:397-408, 1997.

Examiner	Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 Patent and Trademark Office - U.S. Department of Commerce